

10551163\_CLS1.txt

Most frequently occurring classifications of patents returned  
from a search of 10551163 on Sep 17 , 2007

Original Classifications

6 250/432R  
3 210/748  
2 405/100  
2 250/436  
2 422/186.3  
2 210/198.1

Cross-Reference Classifications

8 422/186.3  
6 250/436  
6 422/24  
5 210/748  
5 250/438  
3 405/87  
2 210/243  
2 250/437  
2 210/192  
2 250/435  
2 118/723E  
2 250/431  
2 210/198.1  
2 422/186  
2 422/906  
2 427/157  
2 528/482  
2 427/67  
2 427/107  
2 174/50  
2 252/301.4F  
2 252/301.6R

Combined Classifications

10 422/186.3  
8 250/436  
8 210/748  
7 250/432R  
6 422/24  
5 250/438  
4 210/198.1  
3 405/100  
3 210/192  
3 250/435  
3 405/87  
3 427/67  
2 210/243  
2 250/437  
2 210/85  
2 118/723E  
2 250/431  
2 405/94  
2 422/186  
2 422/906  
2 524/612  
2 427/157  
2 528/482  
2 427/64  
2 427/107  
2 174/50

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2 252/301.4F  
2 252/301.6R

Titles of most frequently occurring classifications of patents returned  
from a search of 10551163 on Sep 17 , 2007

- 10 422/186.3 (2 OR, 8 XR)
  - Class 422 CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING
  - 422/129 .CHEMICAL REACTOR
  - 422/186 ..With means applying electromagnetic wave energy or corpuscular radiation to reactants for initiating or perfecting chemical reaction
  - 422/186.3 ...With ultraviolet radiation generating means
- 8 250/436 (2 OR, 6 XR)
  - Class 250 RADIANT ENERGY
  - 250/428 .FLUENT MATERIAL CONTAINMENT, SUPPORT OR TRANSFER MEANS
  - 250/432R ..With irradiating source or radiating fluent material
  - 250/435 ...Including a flowthrough transfer means
  - 250/436 ....Flow-enclosed radiation source
- 8 210/748 (3 OR, 5 XR)
  - Class 210 LIQUID PURIFICATION OR SEPARATION
  - 210/600 .PROCESSES
  - 210/748 ..Utilizing electrical or wave energy (directly applied to liquid or material being treated)
- 7 250/432R (6 OR, 1 XR)
  - Class 250 RADIANT ENERGY
  - 250/428 .FLUENT MATERIAL CONTAINMENT, SUPPORT OR TRANSFER MEANS
  - 250/432R ..With irradiating source or radiating fluent material
- 6 422/24 (0 OR, 6 XR)
  - Class 422 CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING
  - 422/1 .PROCESS DISINFECTING, PRESERVING, DEODORIZING, OR STERILIZING
  - 422/22 ..Using direct contact with electrical or electromagnetic radiation
  - 422/24 ...Ultraviolet
- 5 250/438 (0 OR, 5 XR)
  - Class 250 RADIANT ENERGY
  - 250/428 .FLUENT MATERIAL CONTAINMENT, SUPPORT OR TRANSFER MEANS
  - 250/432R ..With irradiating source or radiating fluent material
  - 250/435 ...Including a flowthrough transfer means
  - 250/438 ....With a flow-modifying surface
- 4 210/198.1 (2 OR, 2 XR)
  - Class 210 LIQUID PURIFICATION OR SEPARATION
  - 210/198.1 .WITH MEANS TO ADD TREATING MATERIAL
- 3 405/100 (2 OR, 1 XR)
  - Class 405 HYDRAULIC AND EARTH ENGINEERING
  - 405/52 .FLUID CONTROL, TREATMENT, OR CONTAINMENT
  - 405/80 ..Flow control
  - 405/87 ...Water gate or adjustable weir
  - 405/99 ....Swinging
  - 405/100 .....About horizontal axis
- 3 210/192 (1 OR, 2 XR)
  - Class 210 LIQUID PURIFICATION OR SEPARATION
  - 210/192 .WITH PRELIMINARY CHEMICAL MANUFACTURE
- 3 250/435 (1 OR, 2 XR)

Class 250 RADIANT ENERGY  
 250/428 .FLUENT MATERIAL CONTAINMENT, SUPPORT OR TRANSFER MEANS  
 250/432R ..With irradiating source or radiating fluent material  
 250/435 ...Including a flowthrough transfer means

3 405/87 (0 OR, 3 XR)  
 Class 405 HYDRAULIC AND EARTH ENGINEERING  
 405/52 .FLUID CONTROL, TREATMENT, OR CONTAINMENT  
 405/80 ..Flow control  
 405/87 ...Water gate or adjustable weir

3 427/67 (1 OR, 2 XR)  
 Class 427 COATING PROCESSES  
 427/58 .ELECTRICAL PRODUCT PRODUCED  
 427/64 ..Fluorescent or phosphorescent base coating (e.g.,  
 cathode-ray tube, luminescent screen, etc.)  
 427/67 ...Fluorescent lamp

2 210/243 (0 OR, 2 XR)  
 Class 210 LIQUID PURIFICATION OR SEPARATION  
 210/243 .ELECTRICAL INSULATING OR ELECTRICITY DISCHARGING

2 250/437 (0 OR, 2 XR)  
 Class 250 RADIANT ENERGY  
 250/428 .FLUENT MATERIAL CONTAINMENT, SUPPORT OR TRANSFER MEANS  
 250/432R ..With irradiating source or radiating fluent material  
 250/435 ...Including a flowthrough transfer means  
 250/437 ....Tortuous path type

2 210/85 (1 OR, 1 XR)  
 Class 210 LIQUID PURIFICATION OR SEPARATION  
 210/85 .WITH ALARM, INDICATOR, REGISTER, RECORDER, SIGNAL OR  
 INSPECTION MEANS

2 118/723E (0 OR, 2 XR)  
 Class 118 COATING APPARATUS  
 118/715 .GAS OR VAPOR DEPOSITION  
 118/722 ..With treating means (e.g., jarring)  
 118/723R ...By creating electric field (e.g., gas activation, plasma,  
 etc.)  
 118/723E ....Having glow discharge electrodes (e.g., DC, AC, RF,  
 etc.)

2 250/431 (0 OR, 2 XR)  
 Class 250 RADIANT ENERGY  
 250/428 .FLUENT MATERIAL CONTAINMENT, SUPPORT OR TRANSFER MEANS  
 250/431 ..With cleaning means

2 405/94 (1 OR, 1 XR)  
 Class 405 HYDRAULIC AND EARTH ENGINEERING  
 405/52 .FLUID CONTROL, TREATMENT, OR CONTAINMENT  
 405/80 ..Flow control  
 405/87 ...Water gate or adjustable weir  
 405/92 ....Condition responsive  
 405/94 .....To pressure on pivoted water gate

2 422/186 (0 OR, 2 XR)  
 Class 422 CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING,  
 PRESERVING, OR STERILIZING  
 422/129 .CHEMICAL REACTOR  
 422/186 ..With means applying electromagnetic wave energy or  
 corpuscular radiation to reactants for initiating or perfecting chemical reaction

- 2 422/906 (0 OR, 2 XR)  
 Class 422 CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING,  
 PRESERVING, OR STERILIZING  
 422/906 .PLASMA OR ION GENERATION MEANS
- 2 524/612 (1 OR, 1 XR)  
 Class 524 SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520  
 SERIES  
 524/1\*\*2 .SYNTHETIC RESINS (Class 520, subclass 1)  
 524/1\*\*1 ..PROCESSES OF PREPARING A DESIRED OR INTENTIONAL  
 COMPOSITION OF AT LEAST ONE NONREACTANT MATERIAL AND AT LEAST ONE SOLID POLYMER OR  
 SPECIFIED INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT THEREOF (Class 523, subclass  
 1)  
 524/1 ...Adding a NRM to a preformed solid polymer or preformed  
 specified intermediate condensation product, composition thereof; or process of  
 treating or composition thereof  
 524/612 ....From at least one oxygen or nitrogen-containing reactant
- 2 427/157 (0 OR, 2 XR)  
 Class 427 COATING PROCESSES  
 427/157 .FLUORESCENT OR PHOSPHORESCENT COATING
- 2 528/482 (0 OR, 2 XR)  
 Class 528 SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520  
 SERIES  
 528/1\*\*1 .SYNTHETIC RESINS (Class 520, subclass 1)  
 528/480 ..TREATING POLYMER CONTAINING MATERIAL OR TREATING A SOLID  
 POLYMER OR A RESINIFIABLE INTERMEDIATE CONDENSATION PRODUCT  
 528/482 ...Contacting with ion exchange material or solid sorbent
- 2 427/64 (1 OR, 1 XR)  
 Class 427 COATING PROCESSES  
 427/58 .ELECTRICAL PRODUCT PRODUCED  
 427/64 ..Fluorescent or phosphorescent base coating (e.g.,  
 cathode-ray tube, luminescent screen, etc.)
- 2 427/107 (0 OR, 2 XR)  
 Class 427 COATING PROCESSES  
 427/58 .ELECTRICAL PRODUCT PRODUCED  
 427/105 ..Hollow article  
 427/106 ...Glass (e.g., light bulb, etc.)  
 427/107 ....Vapor deposition
- 2 174/50 (0 OR, 2 XR)  
 Class 174 ELECTRICITY: CONDUCTORS AND INSULATORS  
 174/50 .BOXES AND HOUSINGS
- 2 252/301.4F (0 OR, 2 XR)  
 Class 252 COMPOSITIONS  
 252/301.4R .INORGANIC LUMINESCENT COMPOSITIONS  
 252/301.4F ..Group IV element containing
- 2 252/301.6R (0 OR, 2 XR)  
 Class 252 COMPOSITIONS  
 252/301.4R .INORGANIC LUMINESCENT COMPOSITIONS  
 252/301.6R ..Zinc or cadmium containing